

ECON® Ball valve Type: 7744 Stainless steel Internal thread (BSPP) 1000 PSI WOG



Characteristics

Type: 7744

Norm: EN (DIN)

Construction type: 2-way

Housing construction: 1-part

Housing material: Stainless steel

Material quality: 1.4408

Connection: Internal thread (BSPP)

Primary spindle seal material: PTFE

Tertiary spindle seal material: PTFE

Actuator material: 1.4301

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 205 °C

Application

- Light industrial applications up to 68 bar.

Technical Information

- Connection according to ISO 228-1 BSPP.
- Floating ball.
- Pressure class 1000 PSI WOG
- In sizes 1/4" - 2".

Construction

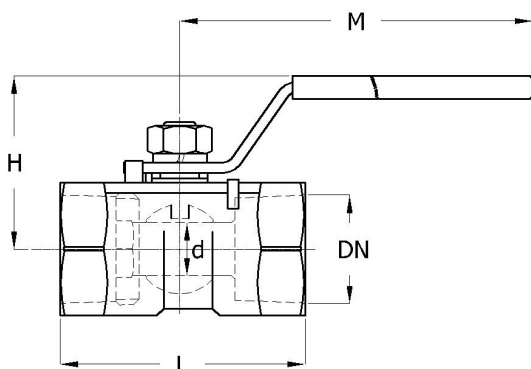
- One-piece housing construction.
- Reduced bore.

Options

- Connection in NPT according to ASME B1.20.1.

Size table:

DN	d mm	L mm	H mm	M mm	Weight kg
1/4" [8]	5	39	33	71	0.1
3/8" [10]	7	44	35	93	0.1
1/2" [15]	9.2	55	40	95	0.2
3/4" [20]	12.5	59	44	95	0.3
1" [25]	15	69	50	113	0.4
1.1/4" [32]	20	77	57	113	0.6
1.1/2" [40]	25	81	64	141	0.8
2" [50]	32	97	68	141	1.2



Pressure and temperature range

Size	Temperature range	-10	38	100	150	200	[°C]
1/4" - 2"	-10°C/+200°C	68	68	44	22	1	[bar]

Pressure class 1000 PSI WOG

Nominal inner diameter	Standard thread connection	Pressure rating	Face to Face norm	Manual operation	Bore	With locking device	Material ball	Seat material	Spindle material	Article
1/4" [8]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427433
3/8" [10]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427434

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1/2" [15]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427435
3/4" [20]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427436
1" [25]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427437
1.1/4" [32]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427438
1.1/2" [40]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427439
2" [50]	ISO 228-1	1000 PSI WOG	Manufacturer standard	Handle	Reduced bore	No	1.4408	PTFE	1.4401	12427440

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